

SEQUENCE LISTING

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<120> METHODS OF MODIFYING BEHAVIOR OF CD9-EXPRESSING CELLS

<130> 20609/241

<140>

<141>

<150> 60/395,864

<151> 2002-07-12

<160> 23

<170> PatentIn Ver. 2.1

<210> 1

<211> 228

<212> PRT

<213> Homosapien

<400> 1

Met	Pro	Val	Lys	Gly	Gly	Thr	Lys	Cys	Ile	Lys	Tyr	Leu	Leu	Phe	Gly
1				5					10					15	
Phe	Asn	Phe	Ile	Phe	Trp	Leu	Ala	Gly	Ile	Ala	Val	Leu	Ala	Ile	Gly
			20					25						30	
Leu	Trp	Leu	Arg	Phe	Asp	Ser	Gln	Thr	Lys	Ser	Ile	Phe	Glu	Gln	Glu
			35				40						45		
Thr	Asn	Asn	Asn	Asn	Ser	Ser	Phe	Tyr	Thr	Gly	Val	Tyr	Ile	Leu	Ile
	50					55					60				
Gly	Ala	Gly	Ala	Leu	Met	Met	Leu	Val	Gly	Phe	Leu	Gly	Cys	Cys	Gly
65					70					75					80
Ala	Val	Gln	Glu	Ser	Gln	Cys	Met	Leu	Gly	Leu	Phe	Phe	Gly	Phe	Leu
				85					90						95

Leu Val Ile Phe Ala Ile Glu Ile Ala Ala Ala Ile Trp Gly Tyr Ser
 100 105 110

His Lys Asp Glu Val Ile Lys Glu Val Gln Glu Phe Tyr Lys Asp Thr
 115 120 125

Tyr Asn Lys Leu Lys Thr Lys Asp Glu Pro Gln Arg Glu Thr Leu Lys
 130 135 140

Ala Ile His Tyr Ala Leu Asn Cys Cys Gly Leu Ala Gly Gly Val Glu
 145 150 155 160

Gln Phe Ile Ser Asp Ile Cys Pro Lys Lys Asp Val Leu Glu Thr Phe
 165 170 175

Thr Val Lys Ser Cys Pro Asp Ala Ile Lys Glu Val Phe Asp Asn Lys
 180 185 190

Phe His Ile Ile Gly Ala Val Gly Ile Gly Ile Ala Val Val Met Ile
 195 200 205

Phe Gly Met Ile Phe Ser Met Ile Leu Cys Cys Ala Ile Arg Arg Asn
 210 215 220

Arg Glu Met Val
 225

<210> 2
 <211> 687
 <212> DNA
 <213> Homosapien

<400> 2
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 accaagagca tcttcgagca agaaactaat aataataatt ccagcttcta cacaggagtc 180
 tatattctga tcggagccgg cgccctcatg atgctggtgg gcttcctggg ctgctgcggg 240
 gctgtgcagg agtcccagtg catgctggga ctgttcttcg gcttcctctt ggtgatattc 300
 gccattgaaa tagctgcggc catctgggga tattcccaca aggatgaggt gattaaggaa 360
 gtccaggagt tttaacaagga cacctacaac aagctgaaaa ccaaggatga gccccagcgg 420
 gaaacgctga aagccatcca ctatgcgttg aactgctgtg gtttggtggg gggcgtggaa 480
 cagtttatct cagacatctg cccaagaag gacgtactcg aaaccttcac cgtgaagtcc 540
 tgtcctgatg ccatcaaaga ggtcttcgac aataaattcc acatcatcgg cgcagtgggc 600
 atcggcattg cgtggtcat gatatttggc atgatcttca gtatgatctt gtgctgtgct 660
 atccgcagga accgcgagat ggtctag 687

<210> 3
<211> 5
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: mAb7 CD9
binding site

<400> 3

Pro Lys Lys Asp Val
1 5

<210> 4

<211> 38

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: CD9 peptide

<400> 4

Lys Asp Glu Pro Gln Arg Glu Thr Leu Lys Ala Ile His Tyr Ala Leu
1 5 10 15

Asn Cys Cys Gly Leu Ala Gly Gly Val Glu Gln Phe Ile Ser Asp Ile
20 25 30

Cys Pro Lys Lys Asp Val
35

<210> 5

<211> 25

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: CD9 peptide

<400> 5

Pro Lys Lys Asp Val Leu Glu Thr Phe Thr Val Lys Ser Cys Pro Asp
1 5 10 15

Ala Ile Lys Glu Val Phe Asp Asn Lys
20 25

<210> 6
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: CD9 peptide

<400> 6
Pro Lys Lys Asp Val Leu Glu Thr Phe Thr Val Lys Ser Cys Pro Asp
1 5 10 15

Ala Ile

<210> 7
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: CD9 peptide

<400> 7
Tyr Lys Asp Thr Tyr Asn Lys Leu Lys Thr Lys Asp Glu Pro Gln Arg
1 5 10 15

Glu Thr Leu Lys Ala Ile
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<210> 8
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: control
peptide

<400> 8
Lys Glu Phe Asp Phe Lys Ala Pro Ser Val Cys Lys Val Glu Asp Ile
1 5 10 15

Asp Thr Lys Thr Leu

<210> 9
 <211> 30
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: 5'CD9 SphI
 primer

<400> 9
 gatcgcatgc tgggactgtt cttcggcttc 30

<210> 10
 <211> 25
 <212> DNA
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<220>
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<400> 10
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<210> 11
 <211> 33
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: 5'
 delta133-192 primer

<400> 11
 acctacaaca agctgttcca catcatcggc gca 33

<210> 12
 <211> 33
 <212> DNA
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: 3'
delta133-192 primer

<400> 12
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33

<210> 13
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: 5'
delta173-192 primer

<400> 13
cccaagaagg acgtattcca catcatcggc

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<210> 14
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
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delta173-192 primer

<400> 14
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<210> 15
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
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delta152-192 primer

<400> 15
cactatgcgt tgaacttcca catcatcggc

30

<210> 16
<211> 30

<212> DNA
 <213> Artificial Sequence

 <220>
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 delta152-192 primer

 <400> 16
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 <210> 17
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 <220>
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 primer

 <400> 17
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 <210> 18
 <211> 22
 <212> DNA
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 <220>
 <223> Description of Artificial Sequence: delta23rev
 primer

 <400> 18
 agactcctgt ccatagtcca at 22

 <210> 19
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: DAWfor primer

 <400> 19
 ggatccatgc cgggtcaaagg 20

<210> 20
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: DAWrev primer

<400> 20
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<210> 21
<211> 24
<212> PRT
<213> Artificial Sequence

<220>
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<400> 21
Tyr Ser His Lys Asp Glu Val Ile Lys Glu Val Gln Glu Phe Tyr Lys
1 5 10 15

Asp Thr Tyr Asn Lys Leu Lys Thr
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<210> 22
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: CD9 SphI 5'
primer

<400> 22
cagtgcacatgc tgggactggt cttcggcttc 30

<210> 23
<211> 30
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: 3'
delta173-192 primer

<400> 23

gccgatgatg tggaatacgt ccttcttggg

30